

# XM32362T

30//25HP, 1180//980RPM, 3PH, 60//50HZ, 326T



Product Information Packet PDF

<b>Ship Weight</b>	766.000 LB
<b>UPC</b>	781568971185

## Specs

<b>Catalog Number</b>	XM32362T	<b>Inverter Code</b>	Inverter Duty
<b>Enclosure</b>	XPFC	<b>IP Rating</b>	NONE
<b>Frame</b>	326T	<b>KVA Code</b>	H
<b>Frame Material</b>	Iron	<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Frequency</b>	50.00 Hz 60.00 Hz	<b>Locked Bearing Indicator</b>	Locked Bearing
<b>Motor Letter Type</b>	Three Phase	<b>Max Speed</b>	1800 rpm
<b>Output @ Frequency</b>	25.000 HP @ 50 HZ 30.000 HP @ 60 HZ	<b>Motor Lead Termination</b>	Flying Leads
<b>Phase</b>	3	<b>Motor Type</b>	1264M
<b>Synchronous Speed @ Frequency</b>	1200 RPM @ 50 HZ	<b>Mounting Arrangement</b>	F1
<b>Voltage @ Frequency</b>	380.0 V @ 50 HZ 230.0 V @ 60 HZ 190.0 V @ 50 HZ 460.0 V @ 60 HZ	<b>Number of Poles</b>	6
<b>Haz Area Class and Group</b>	CLI GP D; CLII GP F,G	<b>Overall Length</b>	32.00 IN
<b>Haz Area Division</b>	Division I	<b>Power Factor</b>	78
<b>Agency Approvals</b>	CSA EEV UL	<b>Product Family</b>	Hazardous Location Motor
<b>Ambient Temperature</b>	40 °C	<b>Pulley Face Code</b>	Standard
<b>Auxillary Box</b>	No Auxillary Box	<b>Rodent Screen</b>	None
		<b>Service Factor</b>	1.00
		<b>Shaft Diameter</b>	2.125 IN
		<b>Shaft Ground Indicator</b>	No Shaft Grounding
		<b>Shaft Rotation</b>	Reversible
		<b>Speed</b>	1180 rpm
		<b>Speed Code</b>	Single Speed
		<b>Motor Standards</b>	NEMA
		<b>Starting Method</b>	Direct on line

<b>Auxillary Box Lead Termination</b>	None
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Blower</b>	None
<b>Constant Torque Speed Range</b>	6
<b>Current @ Voltage</b>	78.000 A @ 230.0 V 39.000 A @ 460.0 V
<b>Design Code</b>	A
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	93.0 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>High Voltage Full Load Amps</b>	39.0 a
<b>Heater Indicator</b>	No Heater
<b>Insulation Class</b>	F

<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	Normally Closed Thermostat
<b>Vibration Sensor Indicator</b>	No Vibration Sensor
<b>Winding Thermal 1</b>	None
<b>Winding Thermal 2</b>	None
<b>Haz Area Temp Code</b>	T3C

# Drawings

**Dimension Sheet**

**Connection Diagram**

**Literature**

## CAD File

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2D CAD  3D CAD

>> Select 2D Format

## Nameplate

<b>NO.</b>											<b>CC</b>	010A		
<b>S/N</b>											<b>TEMP CODE</b>	T3C		
<b>SPEC.</b>	12-0000-2082										<b>INV.TYPE</b>	PWM		
<b>CAT.NO.</b>	XM32362T										<b>C HP FR</b>	60	<b>C HP TO</b>	90
<b>HP</b>	30//25										<b>CT HZ FROM</b>	6	<b>CT HZ TO</b>	60
<b>VOLTS</b>	230/460//190/380										<b>VT HZ FROM</b>	6	<b>VT HZ TO</b>	60
<b>AMPS</b>	78/39					<b>MAG CUR</b>	34.4/17.2							
<b>RPM</b>	1180//980					<b>MX RPM</b>	1800							
<b>HZ</b>	60//50	<b>PH</b>	3	<b>CL</b>	F	<b>NOM.EFF.</b>	93							
<b>SER.F.</b>	1.00	<b>DES</b>	A	<b>SL HZ</b>	1	<b>WK2</b>	12.2							
<b>FRAME</b>	326T	<b>RATING</b>	40C AMB-CONT											
NEMA MG-1 PART 5, IP54														
1.15 SF ON SINE WAVE														

NP0887XPSLEV

## Performance

### Performance at 460 V, 60 Hz, 30 hp

Typical performance; not guaranteed values.

#### General Characteristics

<b>Full Load Torque</b>	0 LB-FT	<b>Start Configuration</b>	DOL
<b>No-Load Current</b>	0 A	<b>Break-Down Torque</b>	370 LB-FT
<b>Line-Line Res. @ 25° C</b>	0.22799 Ohms A Ph / 0 Ohms B Ph	<b>Pull-Up Torque</b>	179 LB-FT
<b>Temp. Rise @ Rated Load</b>	56° C	<b>Locked-Rotor Torque</b>	217 LB-FT
<b>Temp. Rise @ S.F. Load</b>		<b>Starting Current</b>	245 A

#### Load Characteristics

Rated Load	0%	25%	50%	75%	100%	125%	150%	S.F.
<b>Power Factor</b>	5.0	42.0	63.0	73.0	78.0	80.0	80.0	0.0
<b>Efficiency</b>	0.0	89.0	92.7	93.4	93.1	92.4	91.4	0.0
<b>Speed (RPM)</b>	1,199	1,196	1,192	1,188	1,183	1,178	1,172	0
<b>Line Amps</b>	17.20	19.20	24.10	31.00	38.70	47.50	57.30	0.00

#### Performance Curves

### Performance at 380 V, 50 Hz, 25 hp

Typical performance; not guaranteed values.

#### General Characteristics

<b>Full Load Torque</b>	0 LB-FT	<b>Start Configuration</b>	DOL
<b>No-Load Current</b>	0 A	<b>Break-Down Torque</b>	358 LB-FT
<b>Line-Line Res. @ 25° C</b>	0.222 Ohms A Ph / 0 Ohms B Ph	<b>Pull-Up Torque</b>	187 LB-FT
<b>Temp. Rise @ Rated Load</b>	56° C	<b>Locked-Rotor Torque</b>	227 LB-FT
<b>Temp. Rise @ S.F. Load</b>	69° C	<b>Starting Current</b>	239 A

#### Load Characteristics

Rated Load	0%	25%	50%	75%	100%	125%	150%	S.F.
<b>Power Factor</b>	4.0	42.0	64.0	74.0	79.0	80.0	81.0	0.0
<b>Efficiency</b>	0.0	89.3	92.6	93.1	92.3	91.9	90.6	0.0
<b>Speed (RPM)</b>	999	996	992	988	984	979	972	0
<b>Line Amps</b>	16.97	18.98	23.98	31.07	38.94	48.02	58.14	0.00

#### Performance Curves

## Parts

Part Number	Description	Quantity
MN416A01	TAG-INSTAL-MAINT no wire (2100bx)4/22	1.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	3.000 EA
09FN3001B03SP	EXTERNAL FAN, PLASTIC (COMES W/SCREW FRO	1.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
LB1624	COMBINED WARNING LABEL, ISO/ANSI PICTOGR	1.000 EA